

ABSTRACT OF THE DISCLOSURE

A water-soluble and non-water-soluble materials separation device has multiple stirring zones and multiple precipitation zones alternately arranged with the multiple stirring zones. Baffles are respectively provided between the stirring zones and the precipitation zones. Guiding plates are respectively and spatially located in the device to guide solution flow to a center of the baffle. Extraction pipes are provided in the precipitation zones so as to allow formation of precipitation to be collected in the concentration zone. The precipitation is collected from a bottom outlet in the collection tank.